



U.S. Application No. 10/824,469

Amendments to the Specification

Page 1, first paragraph, please amend the paragraph as follows:

This is a continuation application of U.S. Serial No. 10/352,898, filed January 29, 2003, now U.S. Patent 6,746,204; which is a divisional application of U.S. Serial No. 10/136,313 filed May 2, 2002, now U.S. Patent 6,648,600.

Page 9, lines 8-16, please amend the paragraph as follows:

According to the second aspect of the present invention, a turbine rotor comprises: a coolant flow path formed through a plurality of disc shaped members respectively stacked across stacking planes in axial direction; a heat resisting pipe inserted through the coolant flow path; a ring shaped projecting portion provided on the heat resisting pipe; and a hole-spot facing recess portion provided in the coolant flow path at a stacking plane of the disk shaped members and engageable with the ring shaped projecting portion at the end of the heat resisting pipe.

Page 9, lines 17-27, please amend the paragraph as follows:

According to the third aspect of the present invention, an assembling method of a turbine rotor comprises the steps

of: forming a coolant flow path through a plurality of disc shaped members respectively stacked across stacking planes in axial direction; inserting a heat resisting pipe in the coolant flow path; providing a ring shaped projecting portion in the heat resisting pipe; providing a hole-spot facing recess portion in the coolant flow path on the stacking plane of the disc shaped member; and inserting the heat resisting pipe into the coolant flow oath with engaging the ring shaped projecting portion of the heat resisting pipe with the hole spot facing recess portion.

Page 9, line 28 - page 10, line 8, please amend the paragraph as follows:

According to the fourth aspect of the present invention, a cooling method for cooling a high temperature portion of a gas turbine comprises the steps of: forming a coolant flow path through a plurality of disc shaped members respectively stacked across stacking planes in axial direction; inserting a heat resisting pipe in the coolant flow path for flowing a coolant through the coolant flow path; providing a ring shaped projecting portion in the heat resisting pipe; providing a hole-spot facing recess portion in the coolant flow path on the stacking plane of the disc shaped member; and inserting the heat resisting pipe into the coolant flow oath with engaging the ring shaped projecting portion of the heat

resisting pipe with the ~~hole~~ spot facing recess portion
whereby for flowing coolant through the coolant flow path.